

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-M002-00 (136) CT 2	16	24

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION, AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL - ALL REINFORCING STEEL SHALL BE PLACED AND TIED IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. WELDING OF REINFORCING STEEL WILL NOT BE PERMITTED.

CHAMFER - ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED $\frac{3}{4}$ INCH UNLESS OTHERWISE NOTED.

CONCRETE REMOVAL - SEE SPECIAL PROVISIONS

CONCRETE OVERLAY - SEE SPECIAL PROVISION - SECTION 519 - "PORTLAND CEMENT CONCRETE OVERLAYS"

PROTECTIVE PLATFORMS - PROTECTIVE PLATFORMS WILL BE REQUIRED AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. CONTRACTOR SHALL MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 16'-6" ABOVE ROOSEVELT HIGHWAY AND 23'-0" OVER CSX RAILROAD.

TRAFFIC CONTROLS - SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.

EXISTING BRIDGE PLANS - PLANS FOR EXISTING BRIDGE MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 656-5401. THE ORIGINAL BRIDGE WAS BUILT UNDER PROJECT NUMBER I-285-1(41)69 AND WAS WIDENED UNDER PROJECT NUMBER ACI-ID-I-IR-85-1(204).

DIMENSIONS AND ELEVATIONS - ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR BUILDING FORMS.

EPOXY RESIN ADHESIVE - EPOXY RESIN ADHESIVE TYPE II SHALL BE APPLIED TO ALL HARDENED CONCRETE SURFACES JUST PRIOR TO POURING THE CONCRETE FOR THE NEXT STAGE OF CONSTRUCTION, SEE SECTION 886 OF THE GEORGIA DOT SPECIFICATIONS. COST OF EPOXY ADHESIVE AND ITS APPLICATION SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.

EXISTING REINFORCEMENT - EXISTING REINFORCEMENT TO BE UTILIZED IN NEW CONSTRUCTION SHALL BE BENT IN A MANNER TO PROVIDE THE MAXIMUM LAP POSSIBLE OR AS SHOWN ON THE PLANS. EXISTING REINFORCEMENT SHALL BE THOROUGHLY CLEANED OF CONCRETE SCALE AND RUST BEFORE BONDING INTO NEW CONSTRUCTION.

GROOVED CONCRETE - THE ENTIRE LENGTH OF THE BRIDGE SHALL BE GROOVED TRANSVERSELY AS PER SUB-SECTION 500.3.05.T.9.C OF THE GEORGIA DOT SPECIFICATIONS.

WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE GEORGIA DOT OFFICE OF MATERIALS AND RESEARCH. ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES SHALL BE USED FOR MANUAL SHIELDED METAL ARC WELDING.

SALVAGE MATERIAL - NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE SHALL BE SALVAGED FOR USE BY THE GEORGIA DEPARTMENT OF TRANSPORTATION.

INCIDENTAL ITEMS - COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF CLEANING AND BENDING OF EXISTING REINFORCEMENT, WATERPROOFING, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

EDGE BEAMS - EXISTING EDGE BEAMS AT BENTS 2, 3 & 4 SHALL BE REPLACED.

ENDWALLS - EXISTING ENDWALLS AT BENTS 1 & 5 SHALL BE MODIFIED TO ADD CHAMFERS.

EXISTING BRIDGE SERIAL NO. 121-0222-0
EXISTING BRIDGE ID NO. 121-00407D-000.58C
PROJECT PI NO. M002136

BRIDGE NO. 5

JBT J.B. TRIMBLE, INC.
6445 Powers Ferry Rd.
Atlanta GA 30339
(770) 952-1022

GEORGIA

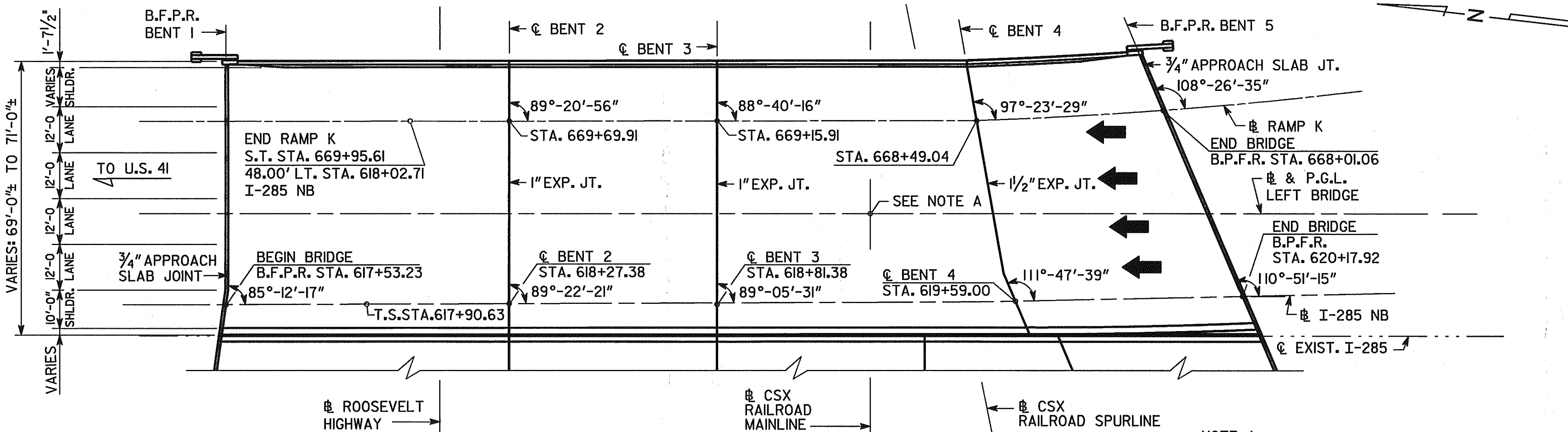
DEPARTMENT OF TRANSPORTATION
OPERATIONS DIVISION-OFFICE OF MAINTENANCE

DISTRICT 7 BRIDGE REPAIR (DECK REHABILITATION)
I-285 OVER S.R.14 AND CSX RAILROAD
PLAN AND ELEVATION
FULTON COUNTY NHS-M002-00 (136)

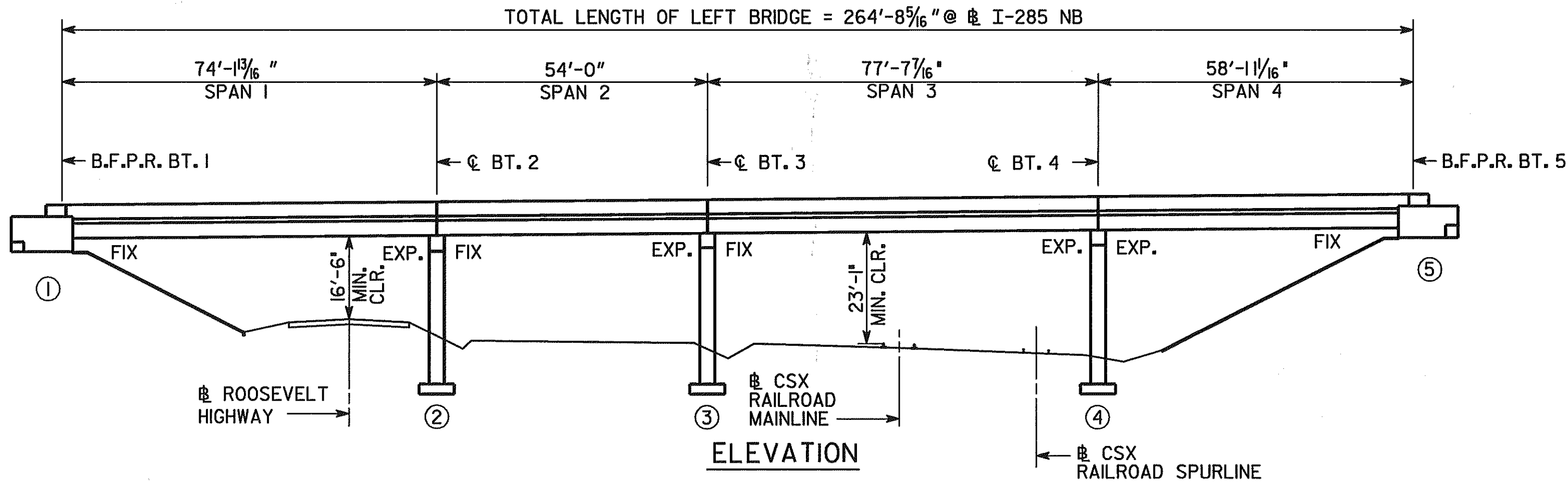
SCALE: NO SCALE U.N.O.

APRIL 2004

DESIGNED PJC	CHECKED GLE	REVIEWED EHG
DRAWN ITD	DESIGN GROUP MAINTENANCE	APPROVED STH



NOTE A:
BRIDGE IS LOCATED 1404.5' WEST M.P. # 12



PROFILE GRADE DATA - LEFT BRIDGE
(FROM EXISTING BRIDGE PLANS)

GENERAL NOTES (CON'T)

REMOVAL OF PARTS OF EXISTING BRIDGE - COST FOR REMOVAL OF PORTIONS OF EXISTING DECK SLAB, EDGE BEAMS AND ENDWALLS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 540 REMOVAL OF PARTS OF EXISTING BRIDGE.

CONCRETE CRACKS - CRACKS IN THE CONCRETE OVERLAY SURFACE SHALL BE SEALED IN ACCORDANCE WITH THE SPECIAL PROVISIONS, AS DIRECTED BY THE ENGINEER, PRIOR TO GROOVING. COST SHALL BE INCLUDED IN THE PRICE BID FOR PAY ITEM 528 - EPOXY SEALING OF CONCRETE CRACKS.

EROSION CONTROL - EROSION CONTROL ITEMS REQUIRED BY THE ENGINEER TO FILTER RUN-OFF FROM HYDRO-DEMOLITION OPERATIONS SHALL BE FURNISHED, INSTALLED, MAINTAINED AND REMOVED BY THE CONTRACTOR. CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN TO THE ENGINEER FOR APPROVAL, PRIOR TO BEGINNING CONSTRUCTION. COST SHALL BE INCLUDED IN THE OVER-ALL BID SUBMITTED.

PAINTING - ANY DAMAGE TO THE PAINT OF THE EXISTING STRUCTURAL STEEL SHALL BE REPAIRED USING SYSTEM VI PAINT SYSTEM. ALL PAINTING SHALL BE IN ACCORDANCE WITH SECTION 535 OF THE GEORGIA DOT SPECIFICATIONS. THE COST OF PAINTING SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.

APPROACH SLABS - ALL SPALLS IN THE APPROACH SLABS SHALL BE REPAIRED IN ACCORDANCE WITH THE SPECIAL PROVISIONS, AS DIRECTED BY THE ENGINEER, PRIOR TO PLACING ASPHALT OVERLAY. COST SHALL BE INCLUDED IN THE PRICE BID FOR PAY ITEM 521 - PATCHING CONCRETE BRIDGE DECK.

WORK CONSISTS OF

1. REMOVAL OF EXISTING EDGE BEAMS AND MODIFICATION OF THE ENDWALL TO ADD CHAMFER.
2. REMOVAL OF THE EXISTING CONCRETE DECK TO $\frac{1}{2}$ " BELOW THE BOTTOM OF THE TOP MAT OF REINFORCING STEEL AND REPLACEMENT WITH A NEW CONCRETE OVERLAY. ALL EXISTING REINFORCING STEEL EXPOSED DURING DECK REMOVAL SHALL REMAIN IN PLACE.

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
449-1620	70	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-5, BENT NO-1
449-1620	70	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-5, BENT NO-2
449-1620	71	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-5, BENT NO-3
449-1620	72	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-5, BENT NO-4
449-1620	77	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-5, BENT NO-5
500-0100	2000	SY	GROOVED CONCRETE
504-0600	43	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONC
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO-5 (5700)
519-0400	2000	SY	CONCRETE OVERLAY, PORTLAND CEMENT, VARB THK
521-1000	140	SF	PATCHING CONCRETE BRIDGE DECK
528-0750	2320	LF	EPOXY SEALING OF CONCRETE CRACKS
540-1202	LUMP		REMOVAL OF PARTS OF EXISTING BR, BR NO-5